

WHAT IS CLAIMED IS:

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1. A method, comprising:
receiving a packet at a port filter, wherein the packet comprises a port identifier;
determining whether there is a host application associated with the port identifier; and
when there is not a host application associated with the port identifier, discarding the packet.
 2. The method of claim 1, further comprising:
when there is a host application assigned to the port, sending a wake-up message to a host computer.
 3. The method of claim 2, further comprising:
receiving the wake-up message at the host computer; and
changing the host computer from a power-managed state to an operational state.
 4. The method of claim 1, further comprising:
receiving information from the host computer; and
using the information to carry out the determining element.
 5. The method of claim 4, wherein the information comprises executable instructions.
 6. The method of claim 4, wherein the information comprises data, wherein the data describes a host application.

1 7. The method of claim 4, wherein the information comprises data, wherein the
2 data describes a port identifier.

Sub A1
1 8. The method of claim 1, further comprising:
2 detecting a port in use by the host application;
3 selecting information based on the port in use by the host application; and
4 sending the information to the port filter, wherein the port filter uses the
5 information to carry out the determining element.

1 9. The method of claim 8, wherein the information comprises executable
2 instructions.

1 10. The method of claim 8, wherein the information comprises data, and wherein
2 the data is to describe a host application.

1 11. The method of claim 8, wherein the information comprises data, and wherein
2 the data is to describe a port identifier.

1 12. A signal-bearing media comprising instructions, wherein the instructions when
2 read and executed by a processor comprise:
3 receiving a packet comprising a port identifier;
4 determining whether there is a host application associated with the port
5 identifier; and
6 when there is a host application associated with the port identifier, sending a
7 wake-up message to a host computer.

1 13. The signal-bearing media of claim 12 further comprising:
2 when there is not a host application assigned to the port, discarding the packet.

1 14. The signal-bearing media of claim 12, further comprising:

2 receiving the wake-up message; and
3 changing the host computer from a power-managed state to an operational
4 state.

Sub A1
2 15. The signal-bearing media of claim 12, further comprising:
3 receiving information from the host computer; and
using the information to carry out the determining element.

1 16. The signal-bearing media of claim 15, wherein the information comprises
2 executable instructions.

1 17. The signal-bearing media of claim 15, wherein the information comprises data,
2 and wherein the data is to describe a host application.

1 18. The signal-bearing media of claim 15, wherein the information comprises data,
2 and wherein the data is to describe a port identifier.

1 19. The signal-bearing media of claim 12, further comprising:
2 detecting a port in use by the host application;
3 selecting information based on the port in use by the host application; and
4 sending the information to the port filter, wherein the port filter uses the
5 information to carry out the determining element.

1 20. The signal-bearing media of claim 19, wherein the information comprises
2 executable instructions.

1 21. The signal-bearing media of claim 19, wherein the information comprises data,
2 wherein the data describes a host application.

1 22. The signal-bearing media of claim 19, wherein the information comprises data,
2 wherein the data describes a port identifier.

1 23. An apparatus, comprising:
2 a port filter to
3 receive a packet comprising a port identifier,
4 determine whether there is a host application associated with the port
5 identifier, and
6 send a wake-up message to a host computer when there is a host
7 application associated with the port identifier.

1 24. The apparatus of claim 23, wherein the port filter further is to:
2 discard the packet when there is not a host application associated with the port
3 identifier.

1 25. The apparatus of claim 23, wherein the port filter further is to:
2 receive program information from the host computer; and
3 use the program information to execute the determine element.

1 26. The apparatus of claim 25, wherein the program information comprises
2 executable instructions.

1 27. The apparatus of claim 25, wherein the program information comprises data
2 to describe a host application.

1 28. The apparatus of claim 25, wherein the program information comprises data
2 to describe a port identifier.

1 29. The apparatus of claim 23, wherein the wake-up message is to cause the host
computer to change from a power-managed state to an operational state.